

# Learn about IVIG for PANS



## What is IVIG?

IVIG (short for *intravenous immunoglobulin*) is a type of intravenous (IV) therapy that helps support the immune system. IVIG contains immunoglobulins (a type of immune cell) from the blood of healthy donors. It is made using a highly technical filtration process to prevent the spread of any bloodborne illnesses. IVIG is often used for conditions like primary and secondary immune deficiency, Guillain-Barre syndrome, Lupus, and others.

An IVIG therapy called Panzyga is now being researched in children with PANS.

## What is Panzyga?

Panzyga is an investigational IVIG therapy that may help relieve PANS symptoms. Panzyga is approved by the FDA for other conditions, but it is not currently approved for addressing PANS symptoms in children.

Panzyga is being researched in comparison with placebo (no active ingredients) in the ProPANS study.

## What is the ProPANS study?

ProPANS is a clinical research study for children 6-17 years of age who have moderate to severe PANS/PANDAS. Study participation lasts up to 22 weeks. All participants will receive the study drug (Panzyga) and placebo (no active ingredients) during the study. Participants are randomly assigned to receive Panzyga in either the first or second half of the study.



## What happens during IVIG?

1. To prepare for IVIG, the patient drinks plenty of liquids.
2. At the study clinic, a member of the study staff checks the patient's vital signs.
3. The patient receives medication orally (by mouth) to reduce potential side effects.
4. The study doctor or staff inserts a catheter (very thin tube) into a vein and begins the infusion.
5. During the infusion, the patient is monitored for side effects. Common side effects include headache, nausea, and fever.
6. After the infusion, a small bandage is applied to the catheter site.

## How long does it take?

IVIG infusion takes at least 3 hours. In the ProPANS study, infusions of Panzyga or placebo are given 2 days in a row, once every 3 weeks. Participants and their caregivers remain overnight at the study clinic during the 2-day infusion sessions.

## How do I get my child involved?

If you are interested in enrolling your child in the ProPANS study, talk to your doctor, visit [ClinicalTrials.gov](https://ClinicalTrials.gov) (Identifier: NCT04508530), or contact:

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